

## EAST Search History

| Ref # | Hits    | Search Query                              | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------------|------------------|---------|------------------|
| S1    | 5051    | (382/128,130-132,173).ccls.               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:56 |
| S3    | 1538076 | volum\$5                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:55 |
| S4    | 11547   | polar adj3 coordinat\$4                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 12:43 |
| S5    | 88      | S1 and S3 and S4                          | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 12:44 |
| S6    | 34      | (bARTH near2 karl).in.                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 13:32 |
| S7    | 16      | (bARTH near2 karl).in. and volume         | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:29 |
| S8    | 3       | ("6052477" or "5799099" or "5769789").pn. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:30 |
| S9    | 902094  | regist\$7                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:56 |
| S10   | 4409353 | surface                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:56 |
| S11   | 6478    | (382/128,130-132,154,173).ccls.           | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 15:13 |
| S12   | 1610    | S11 and S10 and S3                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:57 |
| S13   | 4492529 | point or mark\$4                          | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:58 |
| S14   | 113534  | S9 with S13                               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:59 |
| S15   | 550     | S11 and S14                               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 14:59 |
| S18   | 185     | S11 and S14 and S10 and S3                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/03/15 15:10 |

## EAST Search History

|     |         |  |                              |    |    |                  |
|-----|---------|--|------------------------------|----|----|------------------|
| S19 | 1552862 | mark\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:11 |
| S20 | 133643  | S10 with S19   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:13 |
| S21 | 246     | S11 and S20  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:13 |
| S22 | 131     | S11 and S20 and S3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:18 |
| S23 | 253     | (382/128,130-132,173).ccls. and<br>(382/154).ccls.                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:14 |
| S24 | 10      | S20 and S23  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 15:14 |
| S25 | 0       | 382/131,154,287,285  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:19 |
| S26 | 2739    | (382/131,154,287,285).ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:20 |
| S27 | 1803941 | S3 adj d or 3d or (S3 or three)<br>adj2 dimension\$4 or volum\$5         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:23 |
| S28 | 2307    | S26 and S27  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:24 |
| S29 | 34920   | feducial or ((alignment or<br>registration) near4 marks) or<br>landmark  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:33 |
| S30 | 183     | S28 and S29  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:26 |
| S31 | 35025   | feduci\$5 or ((alignment or<br>registration) near4 marks) or<br>landmark | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:34 |
| S32 | 183     | S28 and S31  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:34 |
| S33 | 42512   | fiduci\$5 or ((alignment or<br>registration) near4 marks) or<br>landmark | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:34 |

## EAST Search History

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S34 | 245 | S28 and S33   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/15 16:35 |
| S35 | 27  | (US-20040170315-\$ or<br>US-20030068075-\$ or<br>US-20040267112-\$ or<br>US-20050027187-\$ or<br>US-20040160440-\$ or<br>US-20040161144-\$ or<br>US-20040171931-\$ or<br>US-20030016850-\$ or<br>US-20050084145-\$ or<br>US-20050018891-\$).did. or<br>(US-6973202-\$ or US-6724930-\$<br>or US-5038285-\$ or US-6907281-\$<br>or US-6985620-\$ or US-5546472-\$<br>or US-5671294-\$ or US-5699446-\$<br>or US-6052477-\$ or US-6560476-\$<br>or US-6879711-\$ or US-7127092-\$<br>or US-5769789-\$ or US-5799099-\$<br>or US-5421330-\$ or US-6381346-\$<br>or US-6289235-\$).did. | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 14:55 |
| S36 | 13  | S35 and polar   | US-PGPUB;<br>USPAT           | OR | ON | 2007/03/26 14:55 |